

ompleted seeping in contact
with each other as a result of expansions of the dots, so that partly mixed
pixel 721 results. This occurs in the wide part of the image.

CLPR:

3. A liquid jet recording apparatus for recording on a recording material with a plurality of liquid droplets having substantially equal volumes, the apparatus including plural scanning nozzles for discharging droplets and means for controlling the plural nozzles, scan means for imparting relative movement between the nozzles and the recording material in a main scan direction in which pixels are recorded with a number of liquid droplets through the nozzles, the number of liquid droplets corresponding to respective tone level signals, wherein the conditions

CLPR:

12. A liquid jet recording apparatus wherein plural liquid droplets are deposited on substantially the same position on a recording material to record a pixel and wherein a toner color image is recorded using either a different number, color, material or combination thereof of the liquid, said

and second pixels are recorded in different colors, the main scans for at least one of the first and second pixels are carried out before or after a main scan in which a droplet is not discharged.

CLPV:

main scan means for imparting relative movement between the nozzles and the recording material in a main scan direction in which pixels are recorded with a first number of liquid droplets through a first nozzle, the first number of liquid droplets corresponding to respective tone level signals;

CLPV:

main scan means for causing relative movement between the nozzles and the recording material in which pixels are recorded with a first number of droplets through first nozzles, the numbers corresponding to respective tone level signals;

odiments 7 and 8, so that the resultant image is free from stripes.

DEPR:

FIG. 17 is a block diagram of an ink jet recording apparatus usable with the present invention. It comprises a host computer 201 for supplying the image data to be recorded, a memory (RAM) 202 storing the data concerning the failed nozzles, a controller processor 203 for determining the number of ink droplets to be ejected in accordance with the image data and for selecting the nozzles to be actuated in accordance with the failed nozzle data in the RAM 202. Designated by a reference numeral 204 is an ink jet recording head.

DEPR:

In operation, the recording operation is carried out using only nozzles Nos. 97-128, while the carriage is moved at a spe